# EXHIBIT 2



# THE UNITED STATES OF AMERICA

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United States Patent and Trademark Office

April 12, 2012

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Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office



R. PONDEXTER
Certifying Officer

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
U.S. Philips Corporation	02/01/2008

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#### PROPERTY NUMBERS Total: 20

Property Type	Number	
Patent Number:	5023717	
Patent Number:	5648819	
Patent Number:	5072293	
Patent Number:	5148269	
Patent Number:	5386248	
Patent Number:	5280350	
Patent Number:	5534946	
Patent Number:	5495300	
Patent Number:	5365280	
Patent Number:	5469227	
		PATENT

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Patent Number:	5532750
Patent Number:	5777682
Patent Number:	5929919
Patent Number:	6034734
Patent Number:	6411341
Patent Number:	6278736
Patent Number:	6385245
Patent Number:	6289051
Patent Number:	6378046
Application Number:	09158629

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Total Attachments: 2

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PATENT REEL: 020462 FRAME: 0045

#### ASSIGNMENT

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Patent right	Family title	Application	Grant date	Patent nr
N 016629US	MOTION ESTIMATION PREDICTION FROM MULTIPLE PREVIOUS FIELDS	09/158629		
F 088589US	LOW DEFINITION MOTION ESTIMATOR	07/404935	11-Jun-1991	5023717
F 094556US	IMPROVED MOTION ESTIMATOR FOR MPEG2 ENCODER	08/413061	15-Jul-1997	5648819
N 013068US	CONSEQUENT CONVERGENCE DIRECTIONS	07/567414	10-Dec-1991	5072293
N 013396US	MEDIAN FILTERED BLOCK EROSION	07/727745	15-Sep-1992	5148269
N 013428USA	CALCULATE VECTORS ONLY FOR SELECTED BLOCKS	08/146468	31-Jan-1995	5386248
N 013443US	MOTION COMPENSATED LINE NUMBER DOUBLING	07/751290	18-Jan-1994	5280350
N 014066USA	MULTIPLE VECTOR ORDERED STATISTICAL FILTER	08/333904	09-Jul-1996	5534946
N 014079USA	SINGLE FIELD MEM+single set of line mems for ME+MC	08/231858	27-Feb-1998	5495300
N 014114US	FILM AND MOTION-VECTOR-RELIABILITY INDICATION	08/075653	15-Nov-1994	5365280
N 014266US	PAL-PLUS TWO-LINE CHROMA MOTION DETECTOR	08/148144	21-Nov-1995	5469227
N 014794US	ALL SEQUENTIAL SCAN LINES ARE MOTION- COMPENSATED	08/417718	02-Jul-1996	5532750
N 015216US	HALO ARTIFACT REDUCTION IN MCI	08/606133	07-Jul-1998	5777682
N 015265US	ALTERNATING INCREASED / DECREASED VECTOR LENGTH FALLBACK	08/626094	27-Jul-1999	5929919
N 015542US	DOUBLE DIFFERENCE DEPENDENT SCAN CONVERSION	08/742686	07-Mar-2000	6034734
N 015943US	ADAPTIVE DELAY PROVIDES 2 MOTION PHASES	08/924866	25-Jun-2002	6411341
N 016112US	PARAMETRIC MOTION VECTOR	08/863700	21-Aug-2001	6278736
N 016529US	PARAMETRIC MOTION ESTIMATION 2	09/156935	07-May-2002	6385245
N 016569US	TWIN MOTION ESTIMATOR	09/168454	11-Sep-2001	6289051
N 017236US	CACHE FOR TWO DIMENSIONAL MOVING WINDOW	09/469452	23-Apr-2002	6378046

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Assignor covenants and agrees that it will, upon request, execute and deliver to Assignee or its legal representatives any and all papers, instruments REEL an 20462 GRAME: 0046

apply for, obtain, maintain, issue, and/or enforce said Patent Rights which may be necessary to carry out the purposes hereof.

EXECUTED for and on behalf of U.S. PHILES CORPORATION

**PATENT REEL: 020462 FRAME: 0047 RECORDED: 02/05/2008**